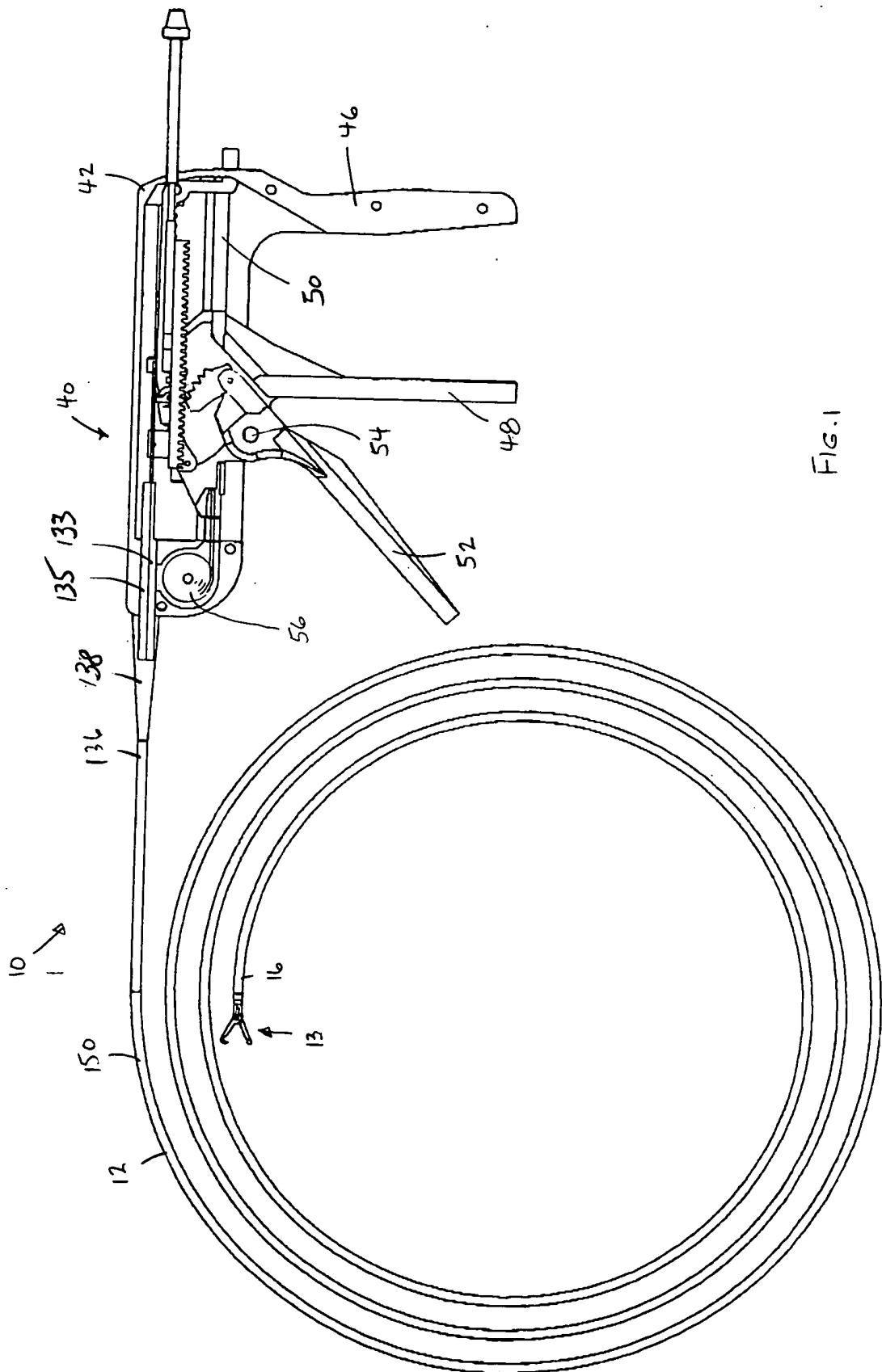


TELEGRAPHIC EQUIPMENT



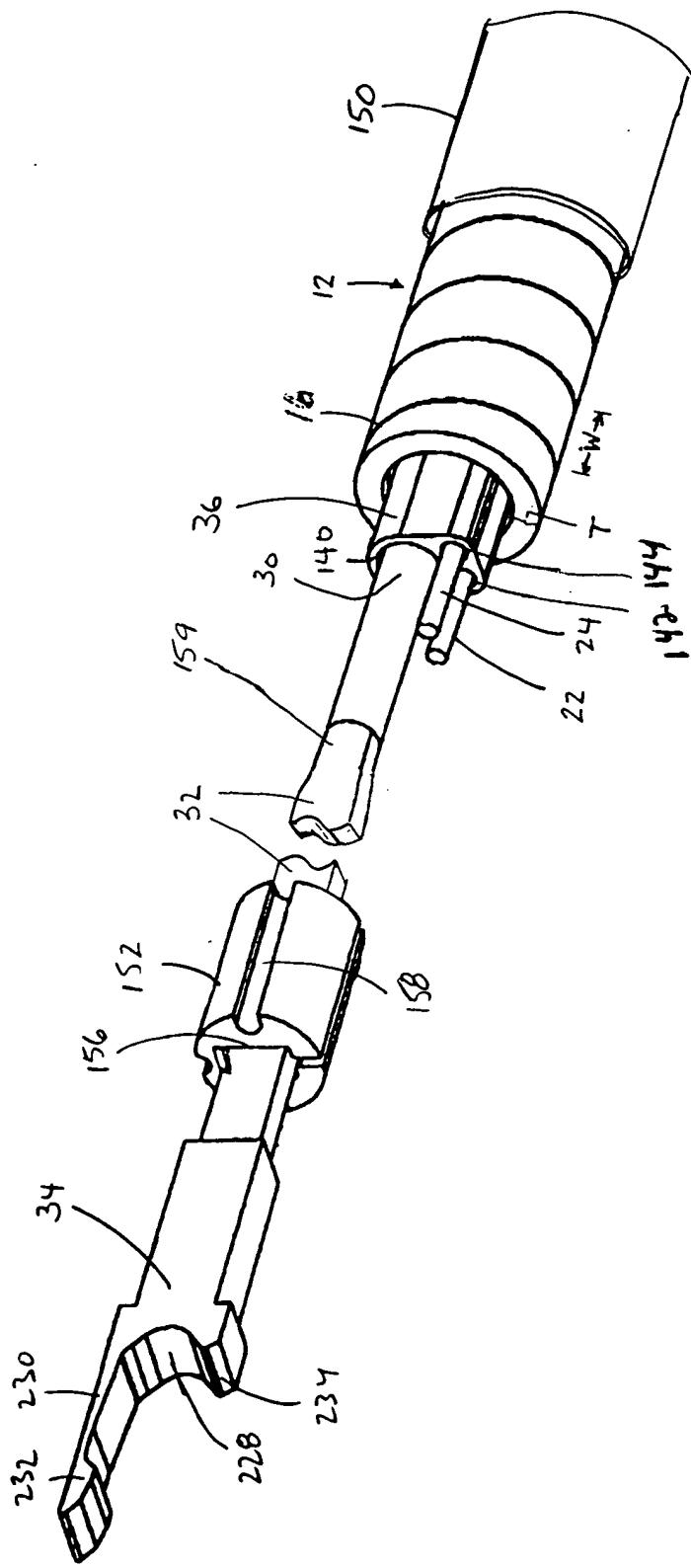


FIG. 2

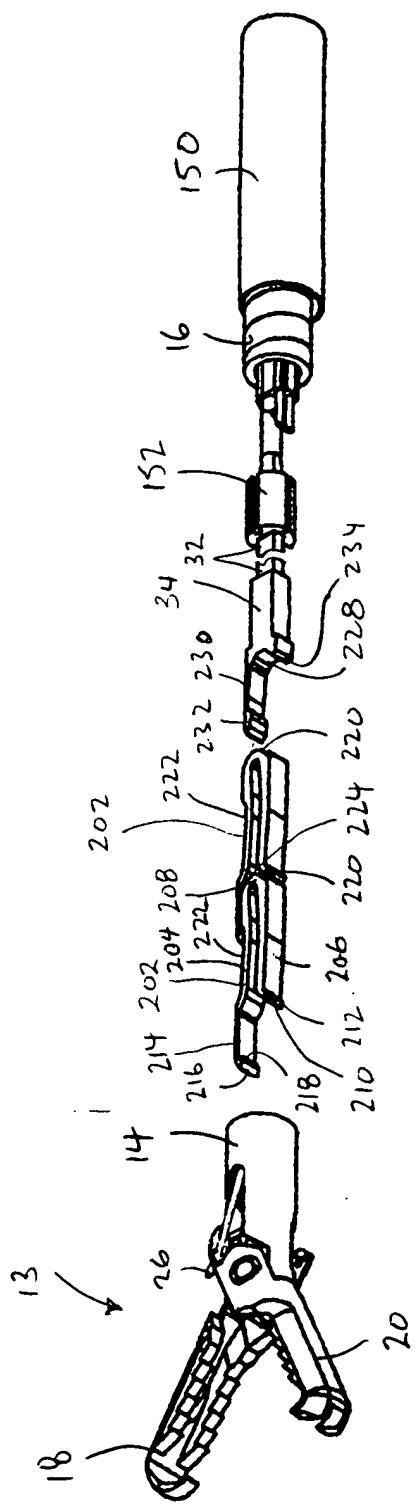


FIG. 2A

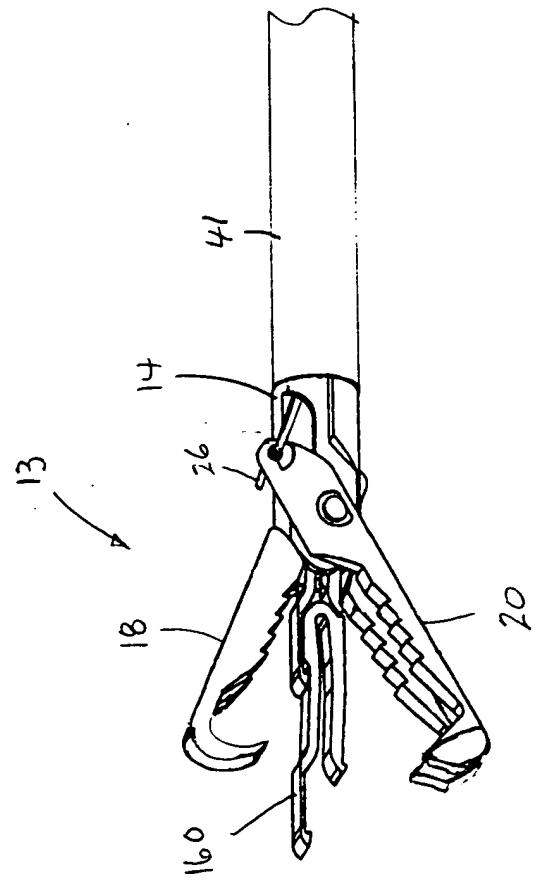


FIG. 3

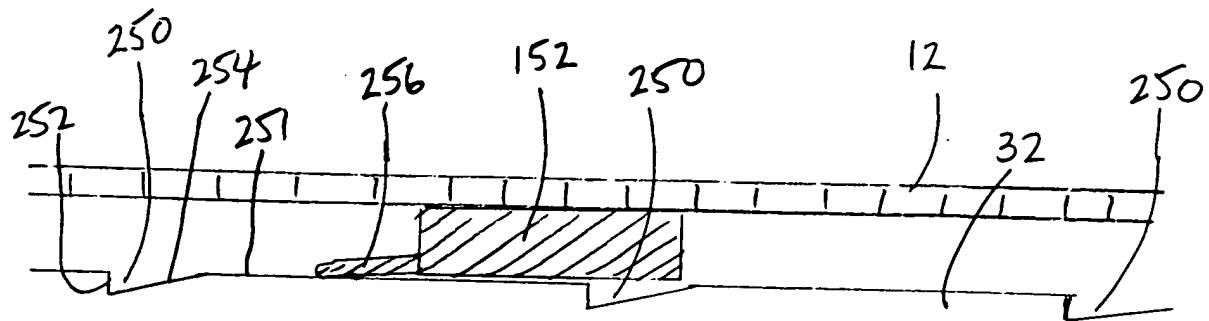


FIG. 2B

100-100122-120601

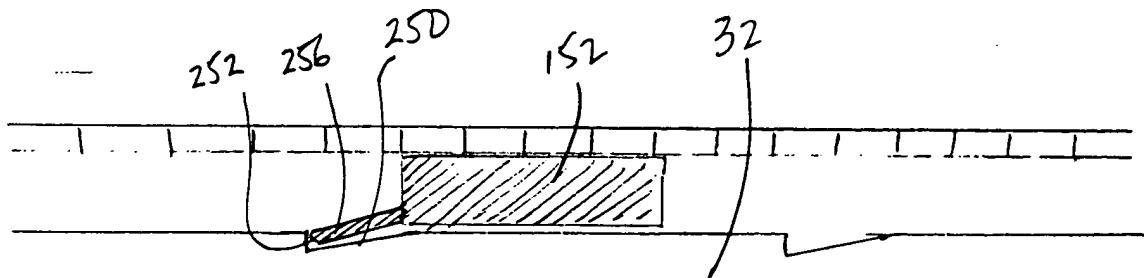


FIG. 2C

70 90 27 2760 T00T

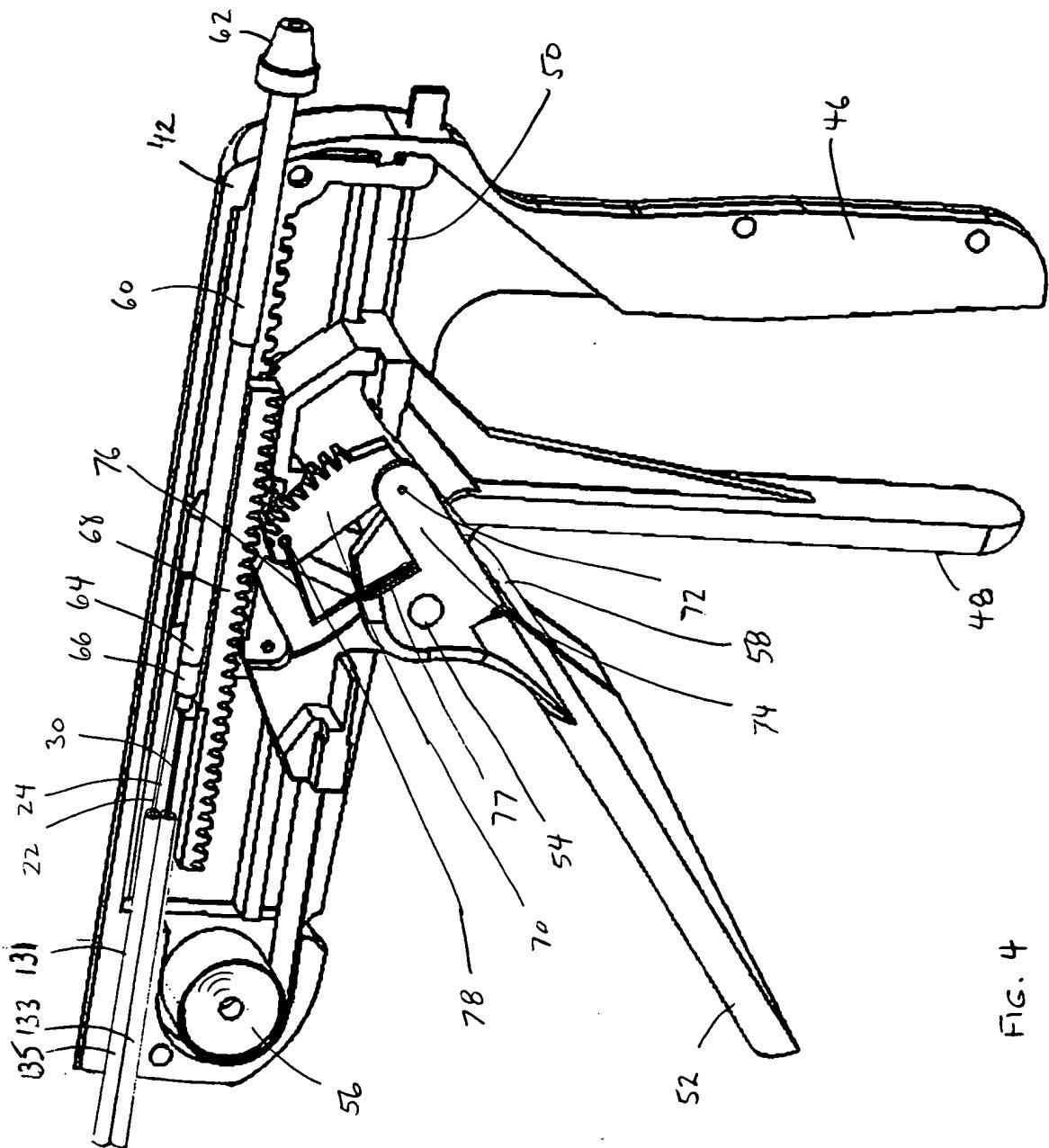


FIG. 4

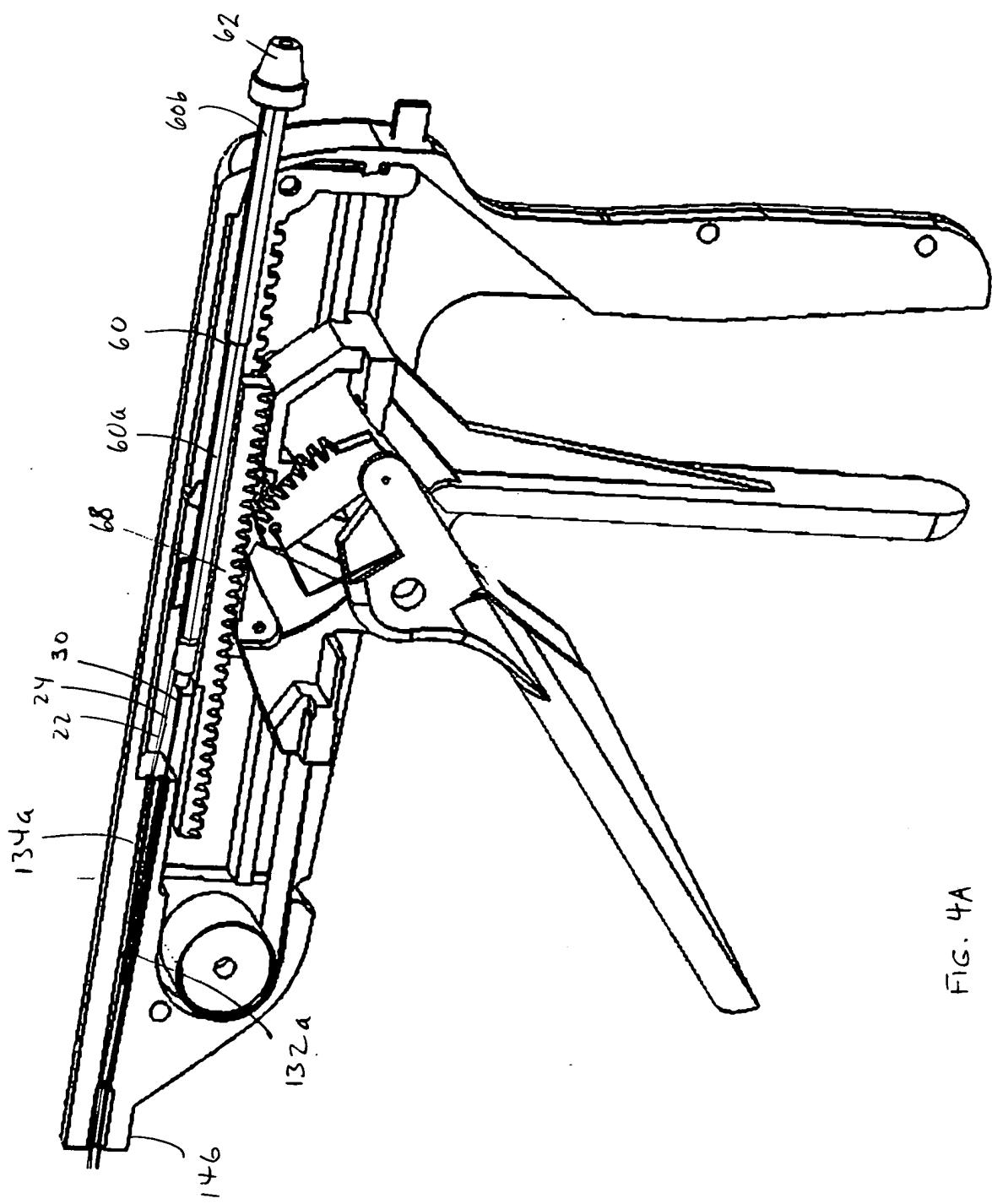


FIG. 4A

10010611-200601

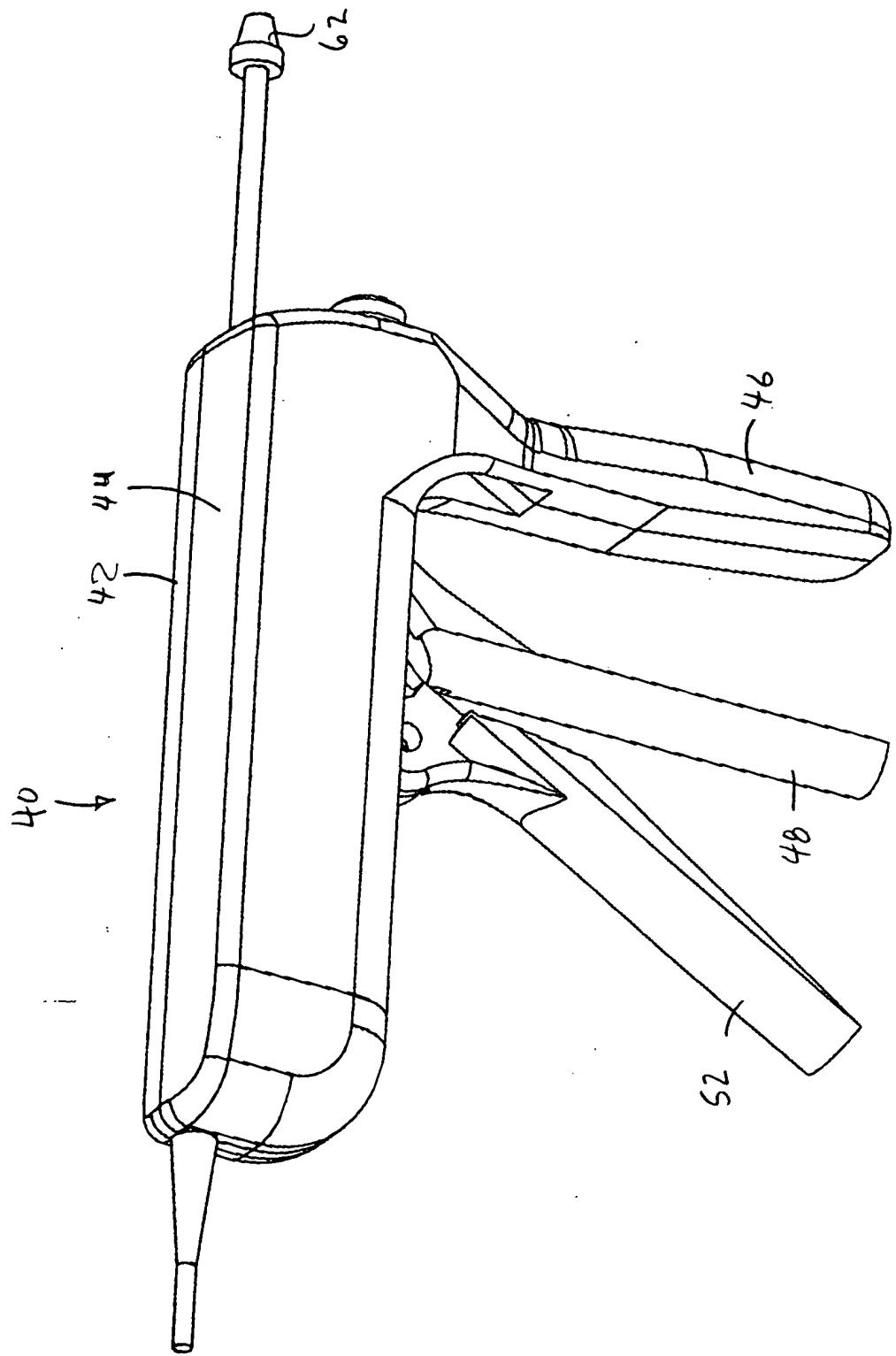
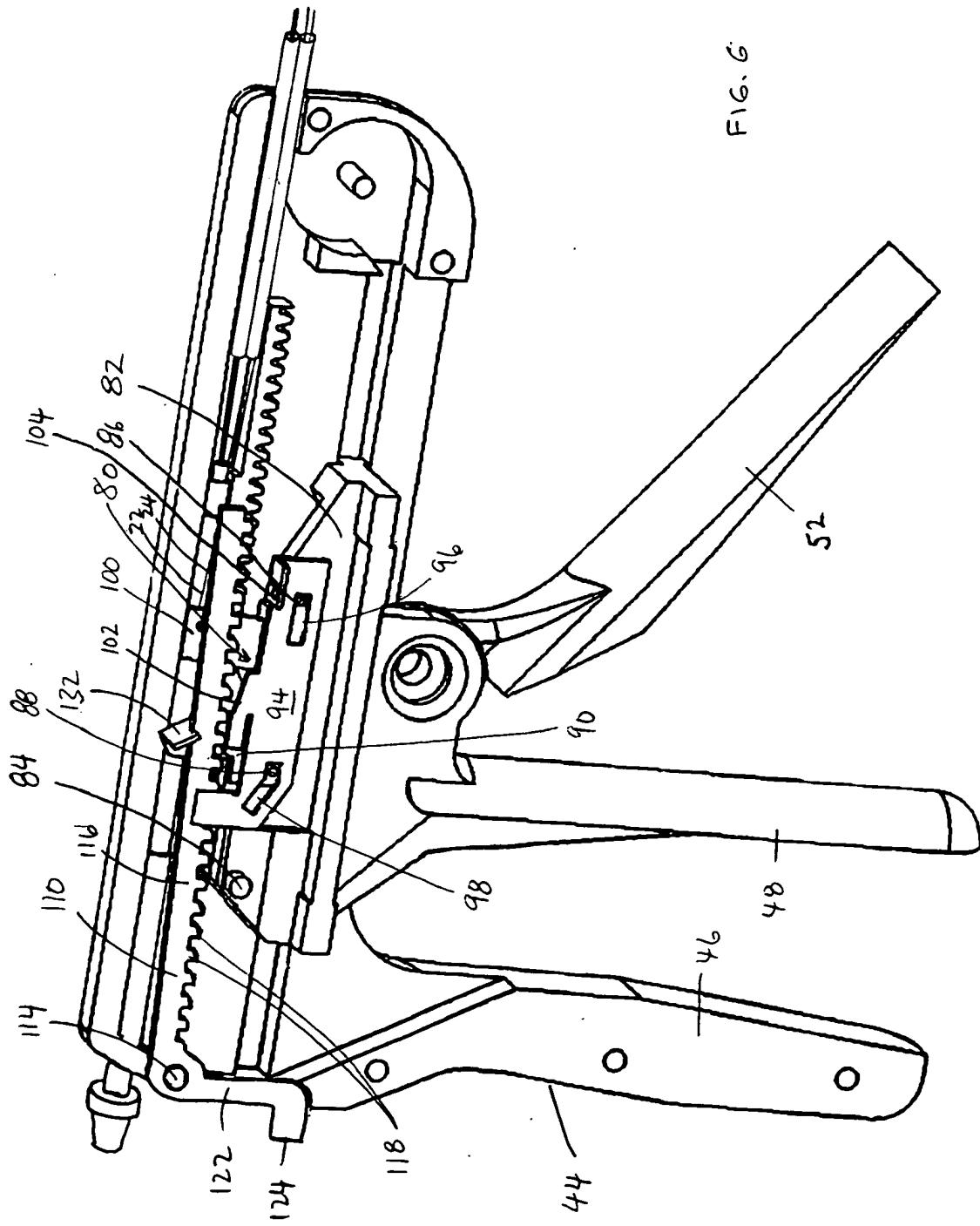
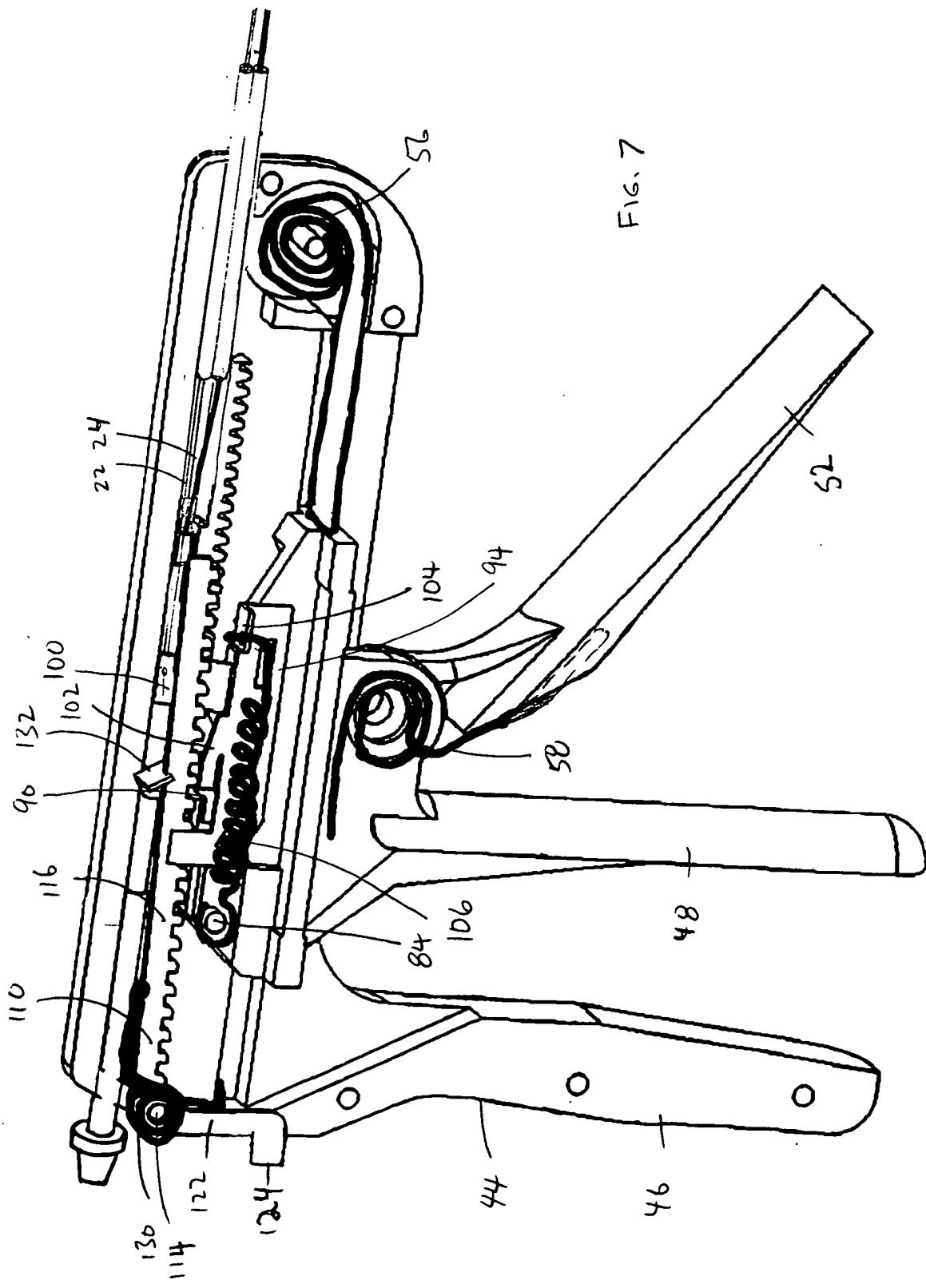


FIG. 5

10010912 "120601

FIG. 6





10010512 " 120601

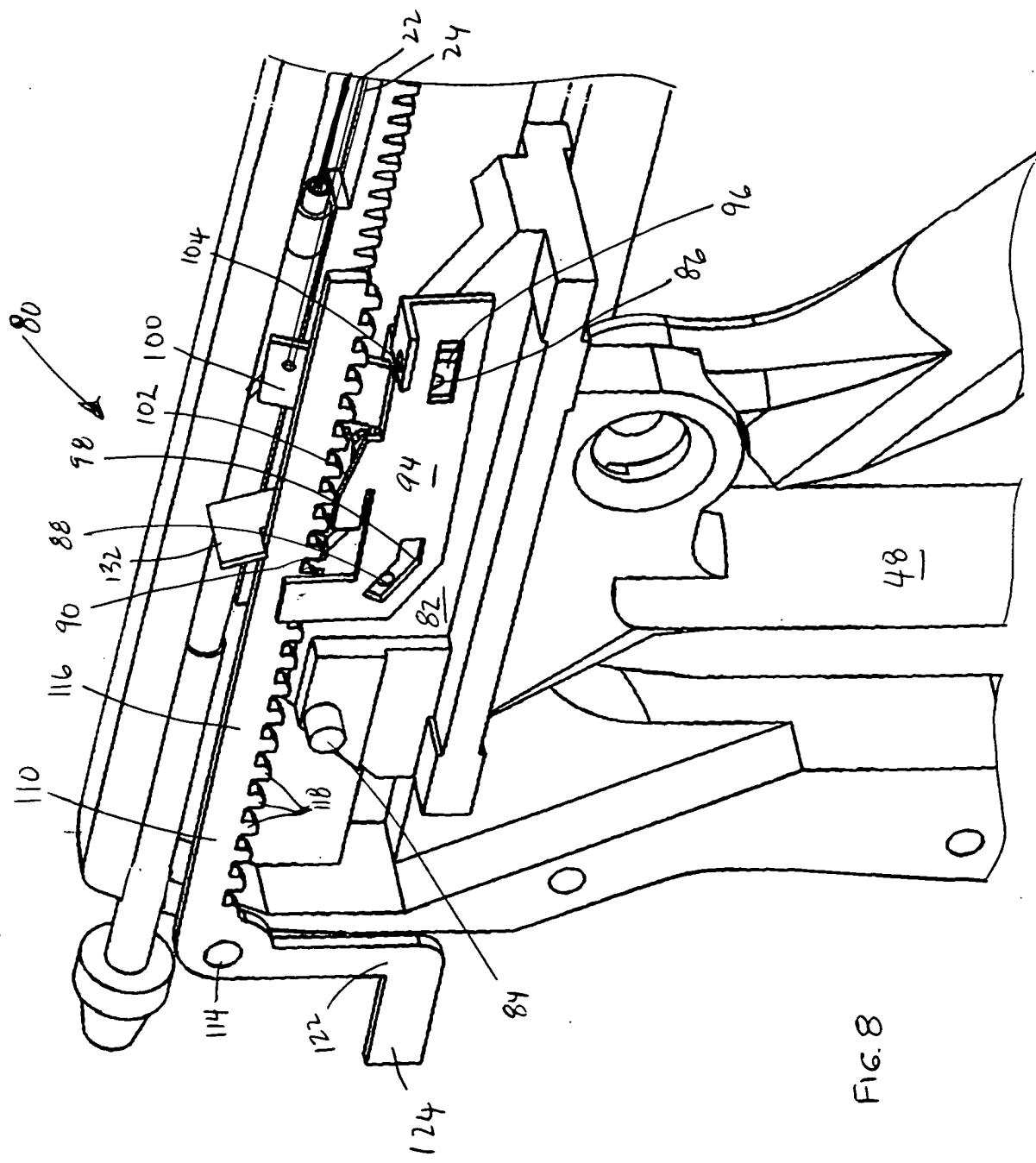
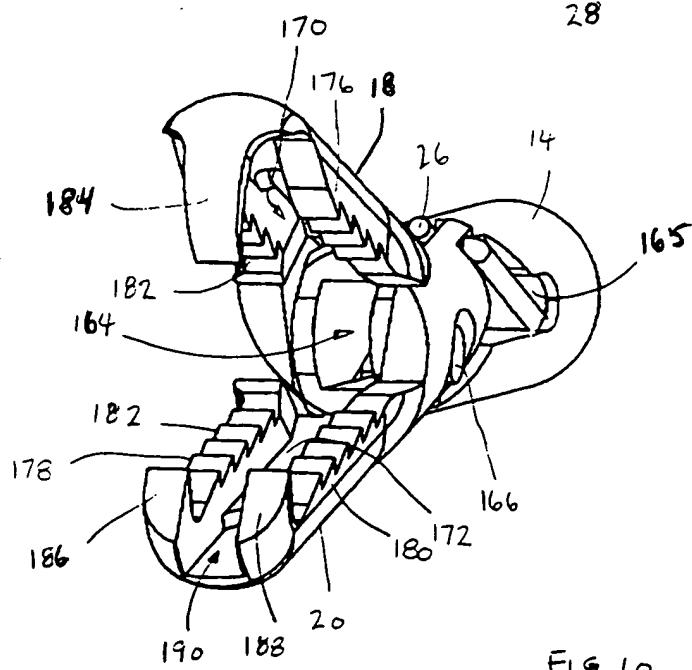
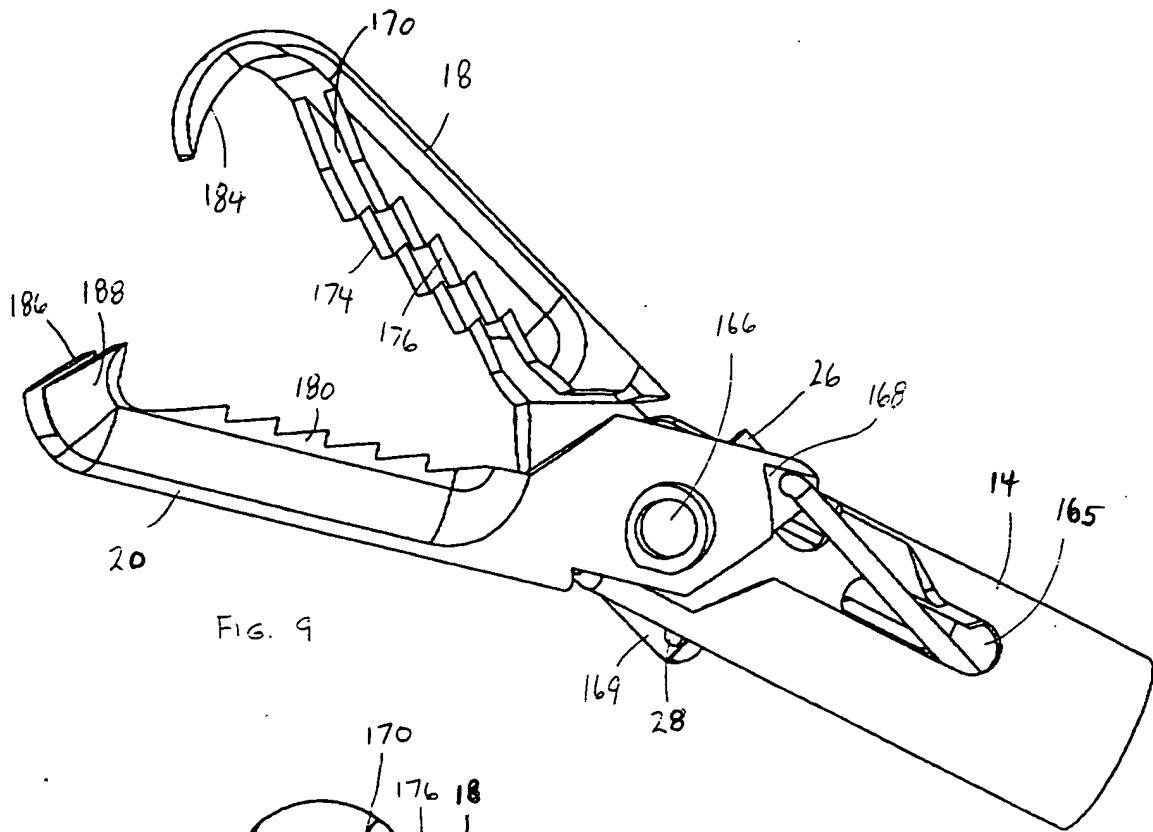


FIG. 8

10030602-120600



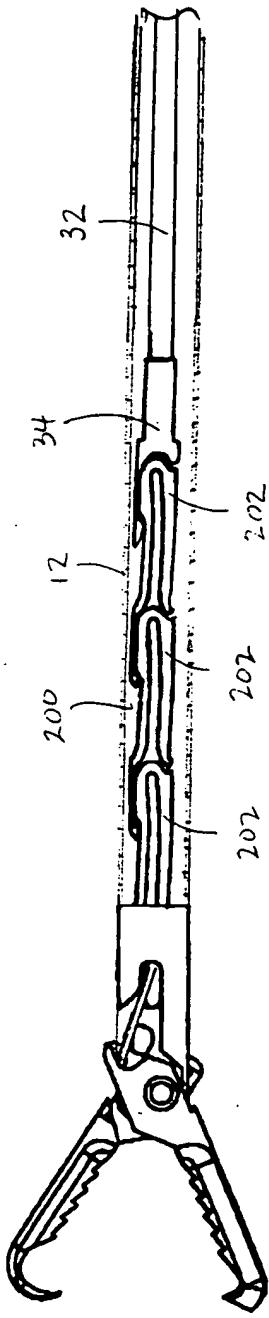


FIG. 11

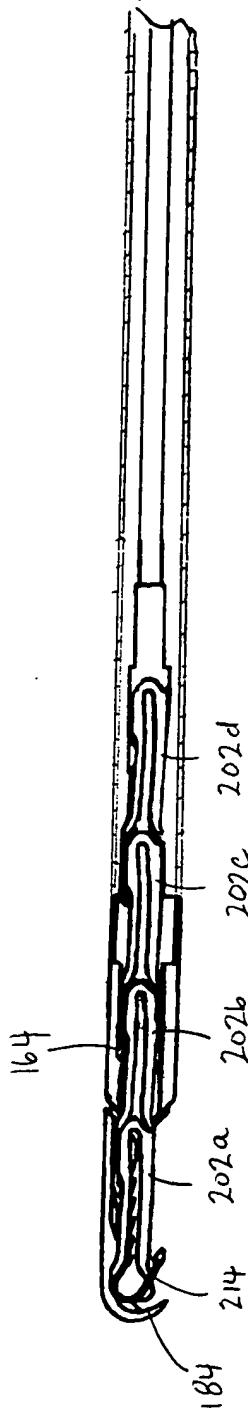


FIG. 17

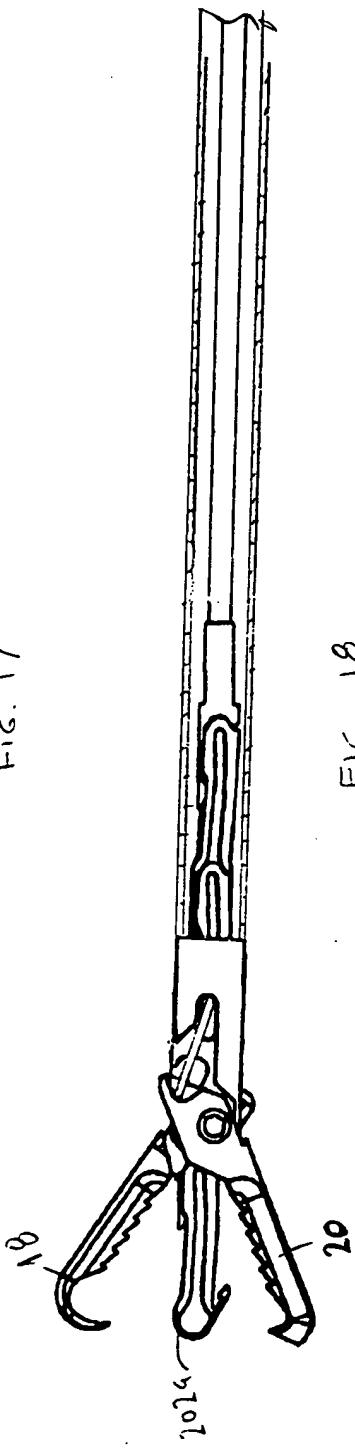


FIG. 18

105022-2060000

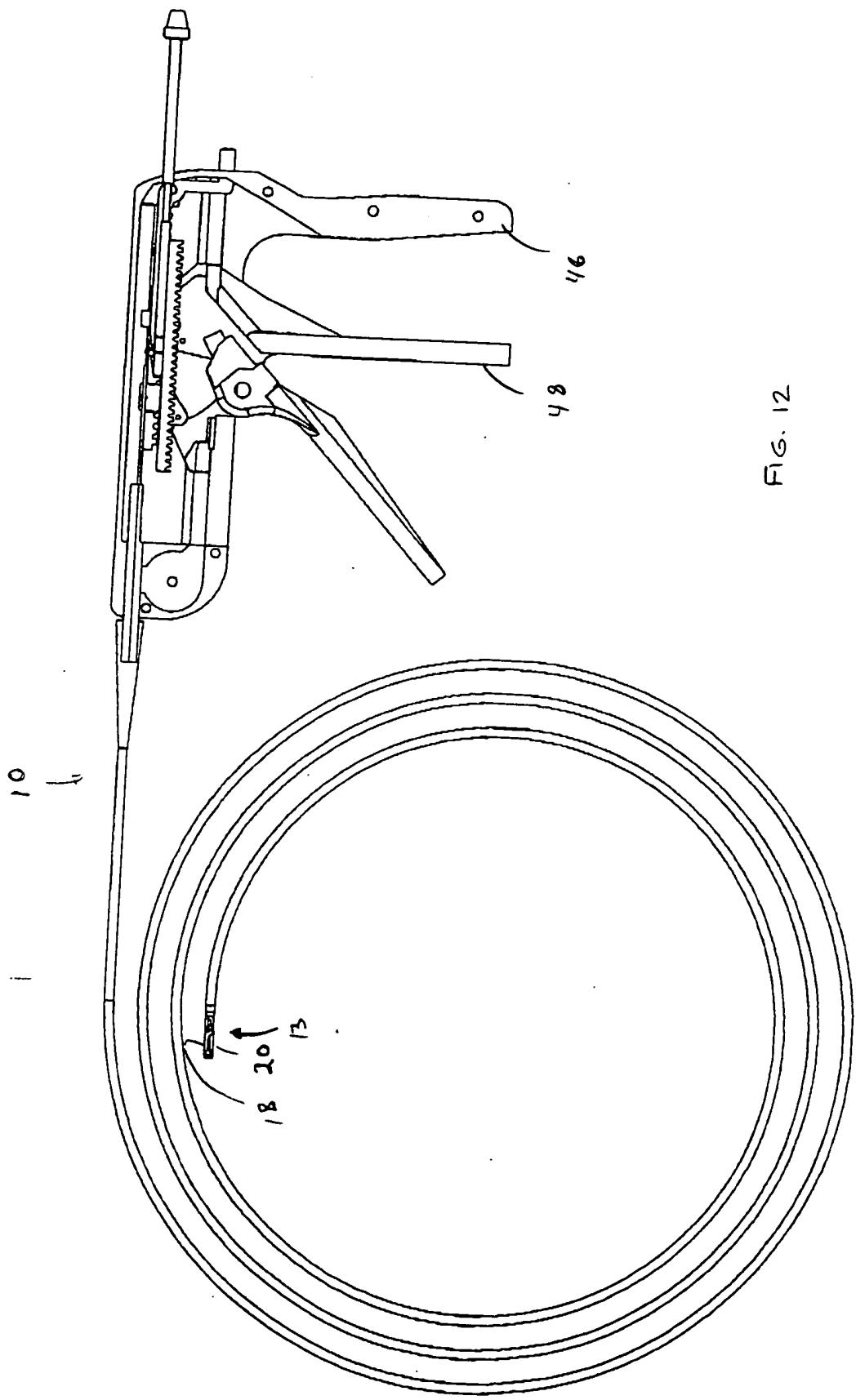


FIG. 12

10030932 120602

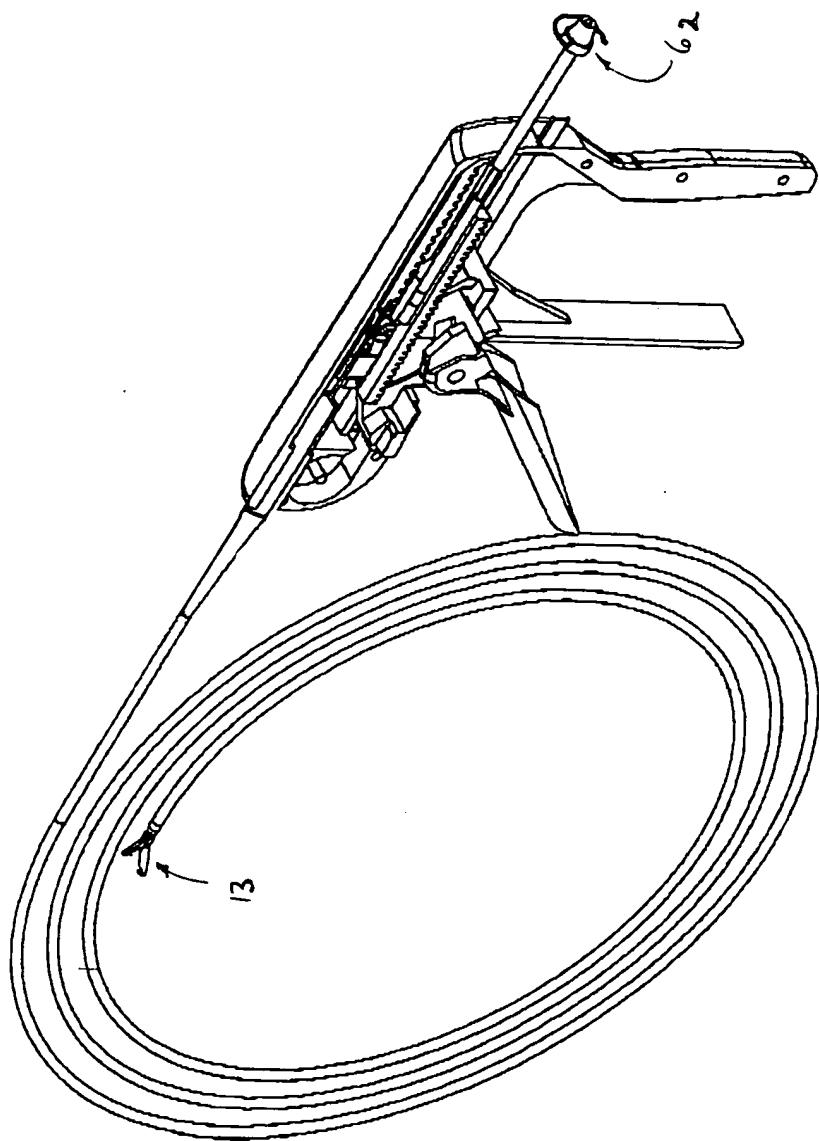


FIG. 13

1000912-120601

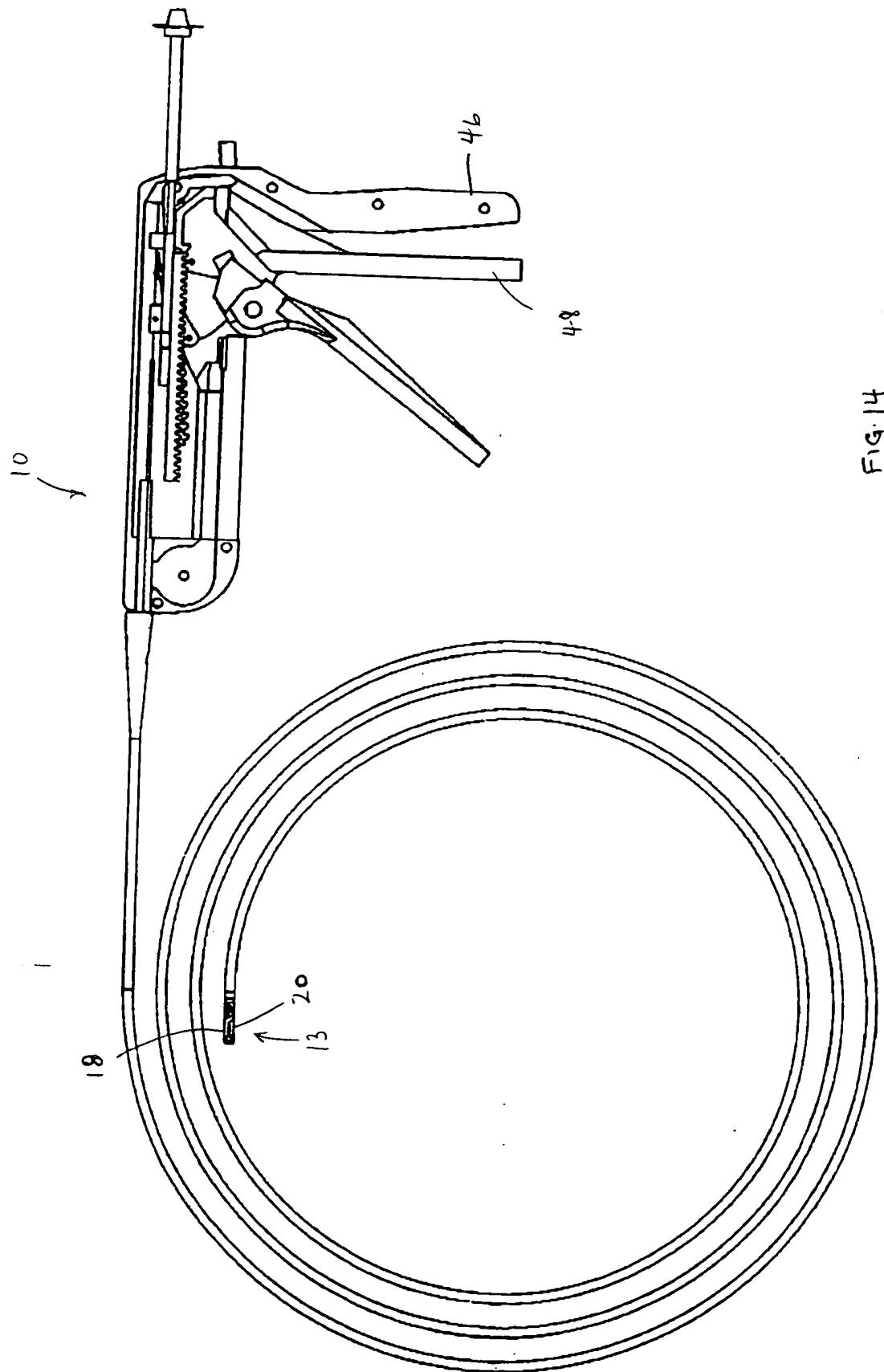


FIG. 14

100102 " 200001

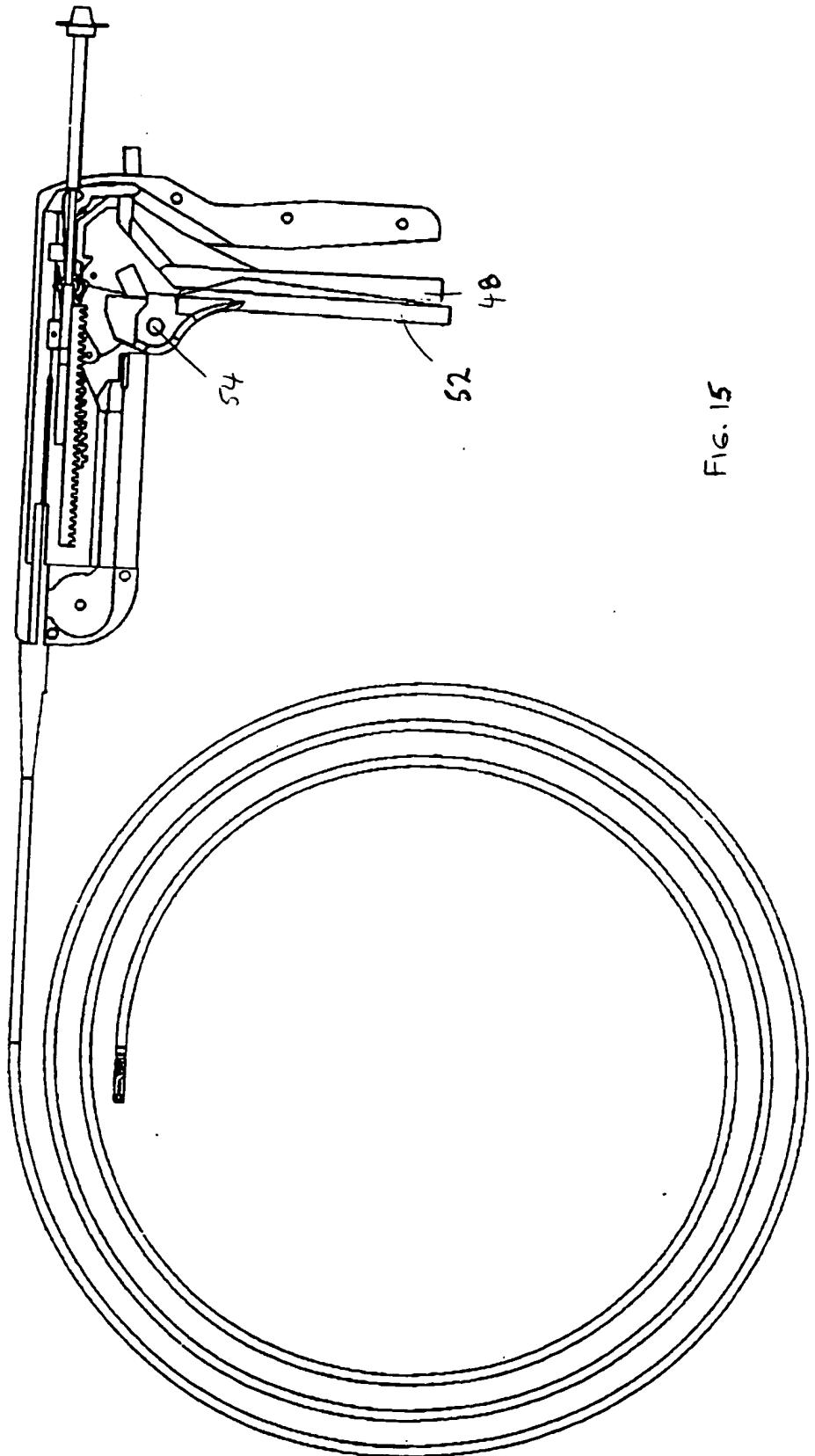


FIG. 15

10010912-120601

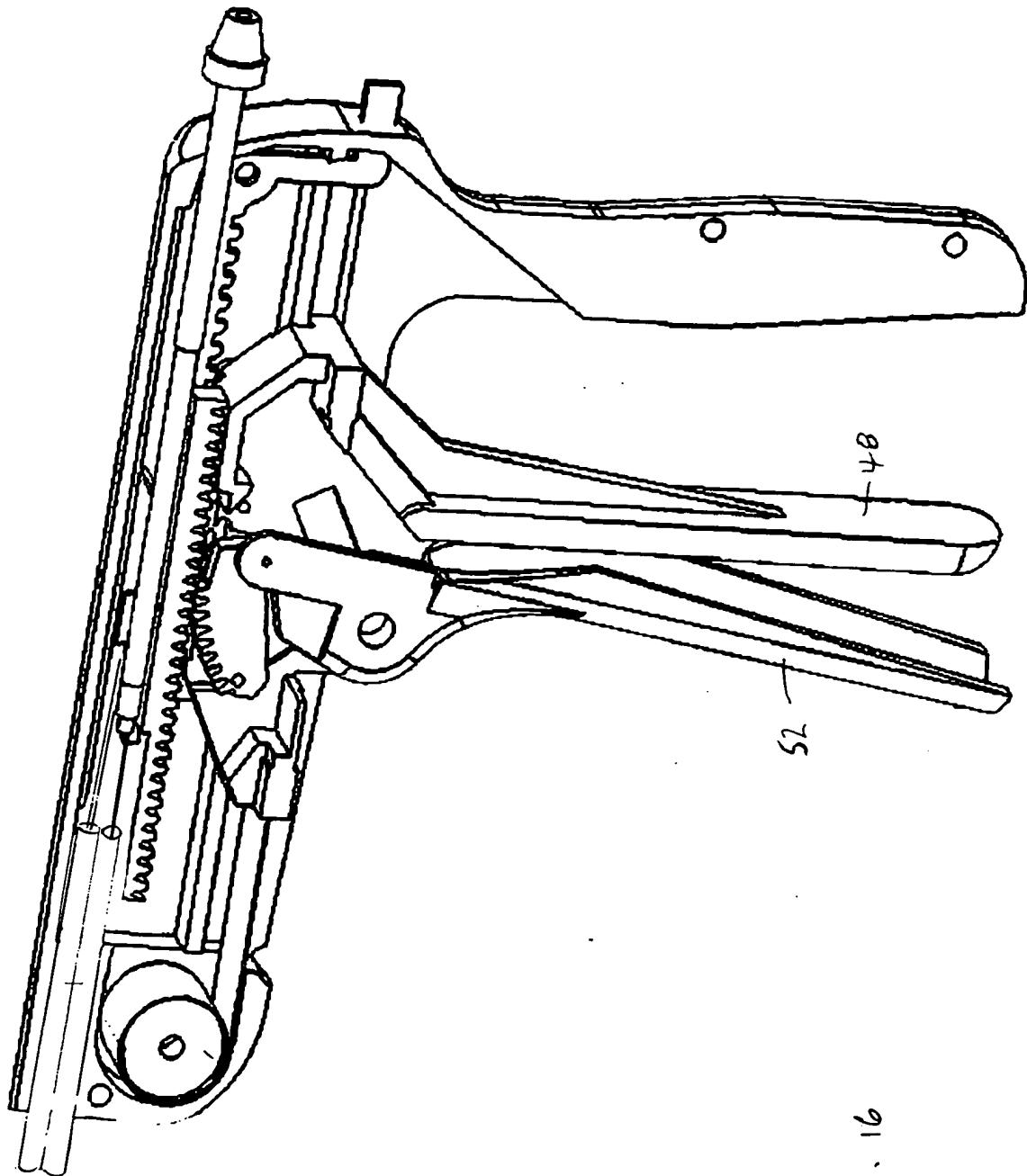


FIG. 16

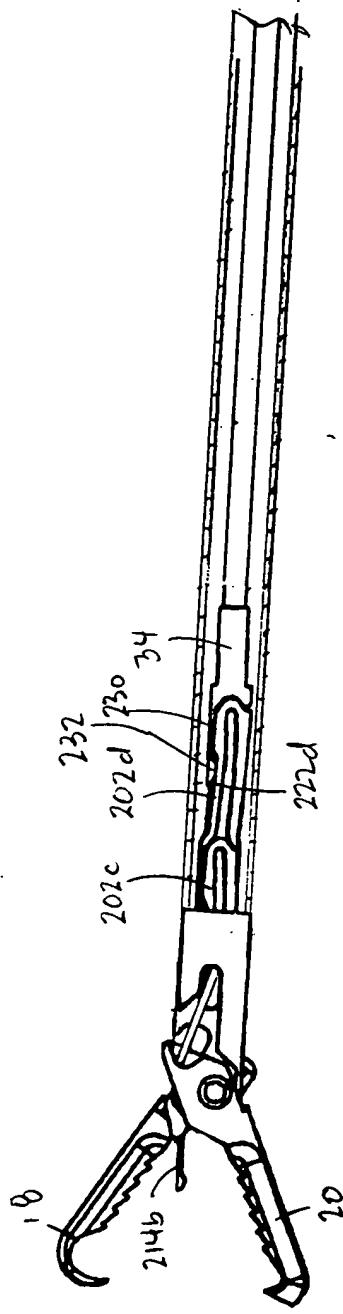


FIG. 19

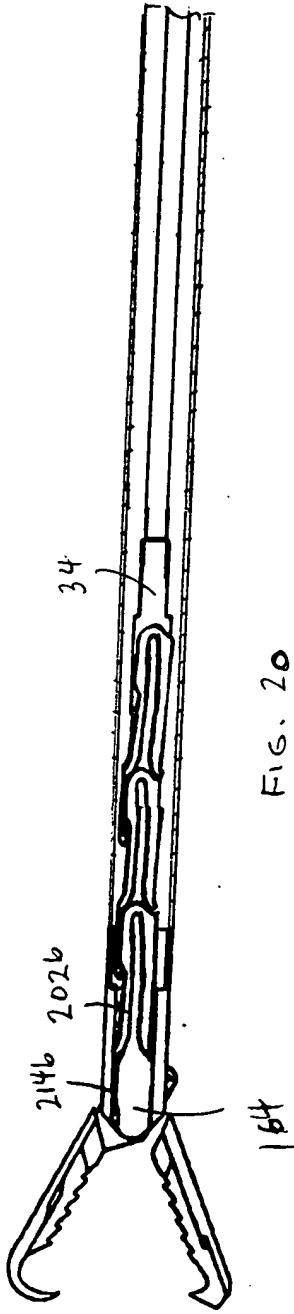
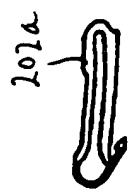


FIG. 20



10010512 • 120902

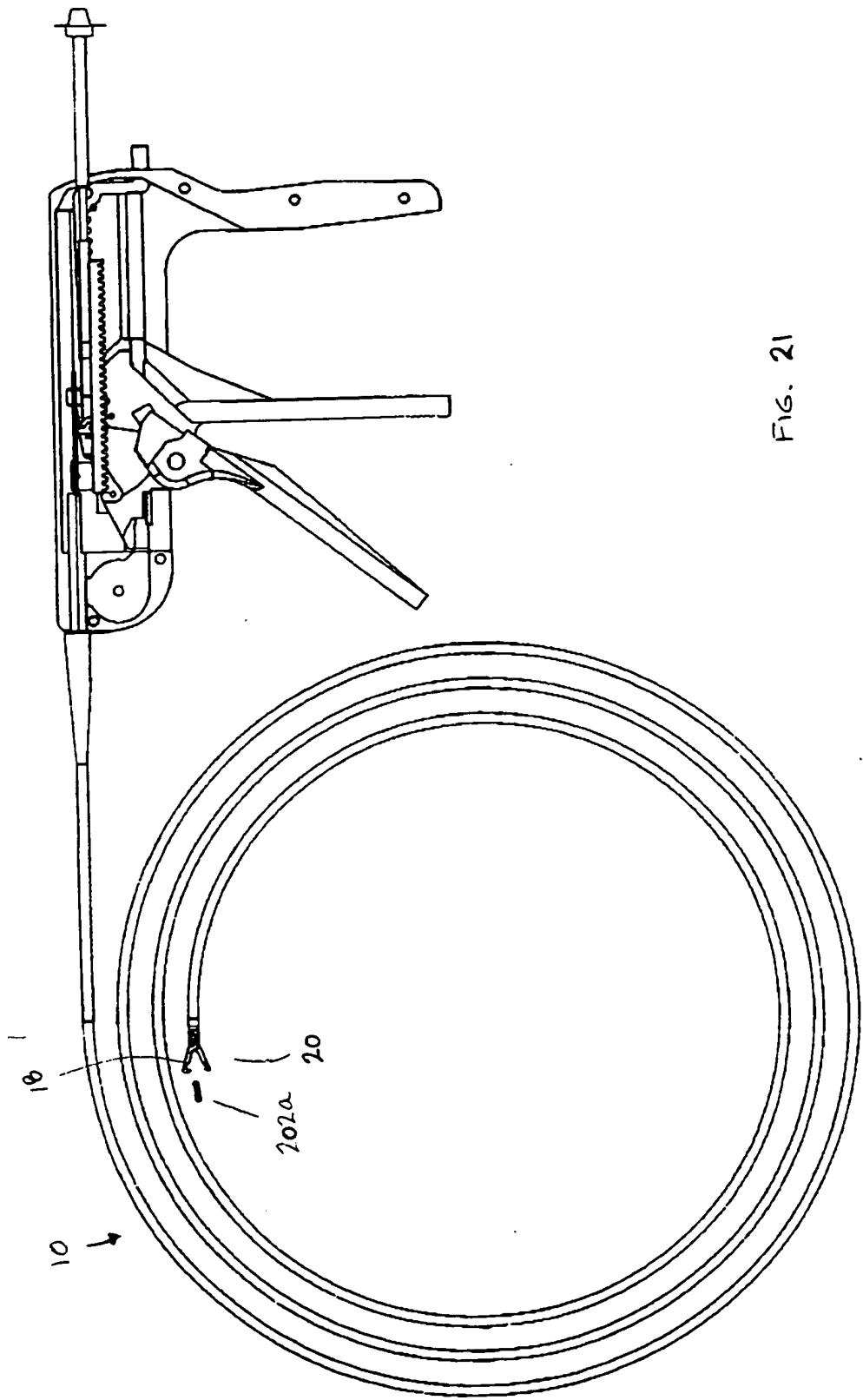


FIG. 21

Cell O.D.	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.088	0.086	0.086	0.083
Cell LD.	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.053	0.053	0.054	0.054
Clip Advancing Wire O.D.	0.017	0.017	0.017	0.015	0.015	0.02	0.02	0.017	0.017	0.017	0.017
End Effectors Wire O.D.	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.009	0.009	0.009	0.009
Barrier Sheath	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	RUN #1	RUN #2	RUN #3	RUN #4	RUN #5	RUN #6	RUN #7	RUN #8	RUN #9	RUN #10	RUN #11
1 lb	0.46	0.24	0.32	0.54	0.59	0.56	0.45	0.87	0.4	0.57	0.77
2 lb	1.19	0.75	0.9	1.07	1.07	1.07	0.69	1.62	1.12	1.02	1
3 lb	1.67	1.24	1.44	1.51	1.9	1.7	1.02	2.07	1.61	1.39	1.77
4 lb	2.19	1.81	1.98	2.62	2.3	2.6	1.51	2.61	2.01	2.09	2.76
5 lb	2.74	2.35	2.59	2.05	3.07	2.98	2.26	3.5	2.44	3.19	3.15
6 lb	3.27	2.82	2.61	2.11	3.68	3.72	2.56	3.87	2.78	3.5	3.61
7 lb	3.32	3.12	3.37		3.93	3.8	3.34	4.36	3.54	3.92	4.48
8 lb	3.82	3.42			4.03	4.08	3.54	4.61	4.28	4.42	5.17
Weight Position	11 lb no loops	11 lb 1 loop	11 lb 2 loops	11 lb no loops	11 lb no loops	11 lb 1 loop	11 lb 2 loops	11 lb no loops	11 lb 2 loops	11 lb no loops	11 lb no loops

FIG. 22

EFFICIENCY PLOT

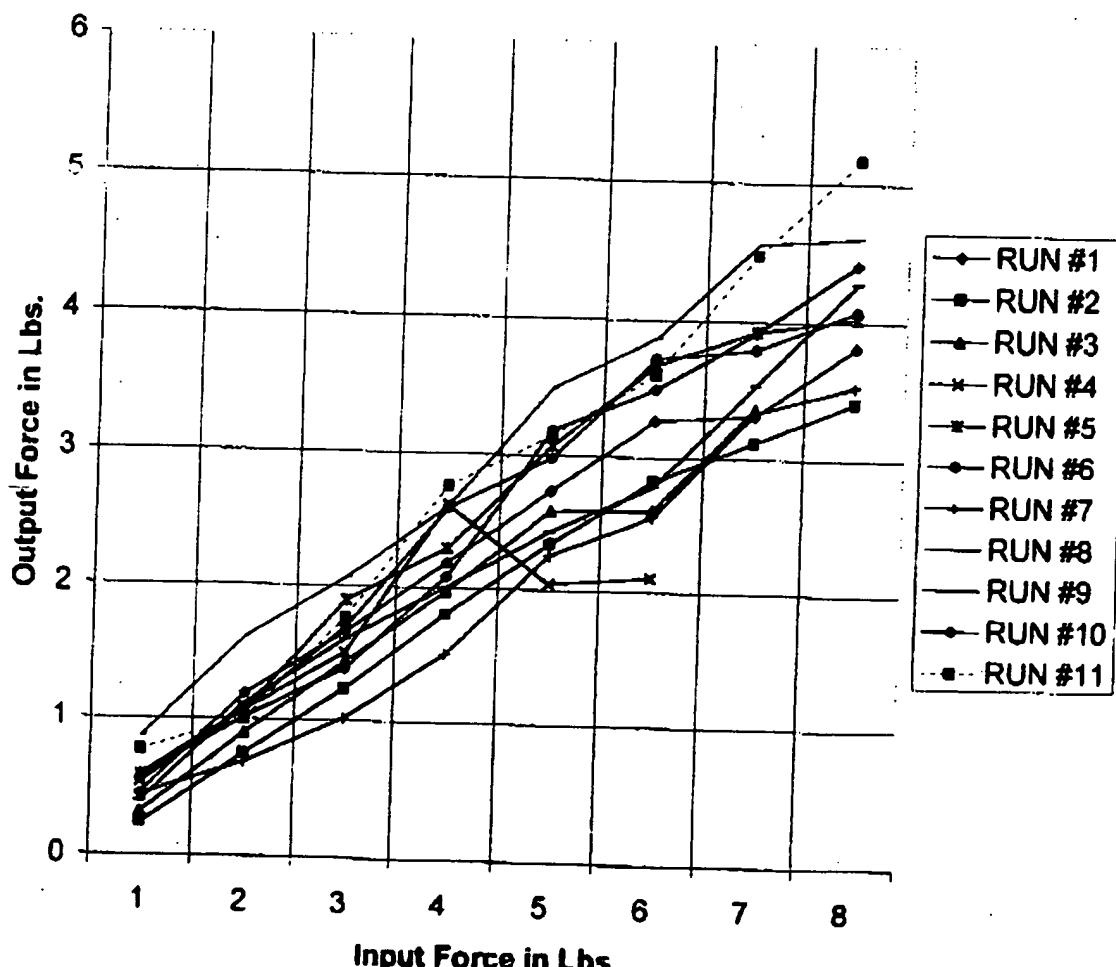


FIG. 23